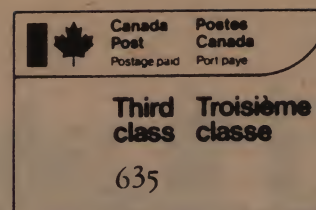




the Ring



"There is a myth in this country—and it is disturbingly pervasive—that liberal education is a luxury."

—Mark H. Curtis
President, Association of American Colleges

UNIVERSITY OF VICTORIA

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A family which has taken up residence on the small pond adjacent to the Cunningham Building greets Maria Byrne, a Ph.D. student in biology, in photo taken by H.F. Dietrich, senior scientific assistant in the Biology Department. The proud father, left, and mother, have eight ducklings to show off. The pair of wild Mallards flew onto campus earlier this year and like the area so much they are staying. Biologists point out that the ducks are living in a high-risk area. Despite a sign, warning people to keep their dogs away, raccoons and dogs frequent the nesting area.

Sawchuck optimistic on jobs

Ted Sawchuck (Director, Student and Ancillary Services) is optimistic that 120 positions supported by grants of \$1200 over two months from the B.C. Ministry of Labour will be available to UVic students this summer. The final decision, however, remains to be made by the government's Cabinet Committee on Employment Development.

Matching funds from university sources will be made available to bring the funding to \$750 a month if the government funding is approved.

"We expect to have the jobs posted at the Canada Employment Centre on campus no

later than May 17 if all goes well," says Sawchuck. "We had previously received applications for 109 projects from departments on campus with a possible 689 months of work for students."

The projects will be evaluated by a committee of students, faculty and staff with a meeting planned for May 12.

"We are very pleased that funds under the Employment Opportunities Program for Post-Secondary Institutions have made it possible to create projects of value to the university and especially to students," says Sawchuck.

Budget up 14.9 per cent

UVic has received an increase of 14.9 per cent in its operating grant from the Universities Council of British Columbia (UCBC) for a total allocation of \$55,857,198 for the 1982-83 year.

The increase reflects UVic's continued growth in enrolment, up almost ten per cent last year and almost 20 per cent over the last three years, says Bob McQueen, Vice-President, Finance.

"The grant per full time equivalent (FTE) students this year is \$6,747, an increase of 9.9 per cent over \$6,140 last year. This roughly keeps pace with an estimated ten per cent increase in the Consumer Price Index for the year," notes McQueen.

"We expect a further increase of about five per cent in enrolment this coming year, and our operating budget must deal with the long term effects of the increased enrolment over the last few years," he added.

Designated amounts within the operating grant include \$86,730 for new programs and \$481,564 for emergent programs for a total increase of 113.5 per cent in the two categories overall. The largest part of the increase is directly related to the emergent

program in Health Information Sciences. UVic's other emergent program is a B.A. program in Leisure Studies. Funding for Programs of Distinction increased 12 per cent to \$349,566 while funding for development of programs for the Knowledge Network (KNOW) fell 33.3 per cent to \$100,000.

UCBC's total allocation from the Ministry of Universities, Science and Communications was \$363,596,359, with \$312,993,292 designated for operating grants to the three B.C. universities and \$14,472,000 designated for other operating grants, including Interior Programs, David Thompson University Centre (DTUC), The Open Learning Institute (OLI), the Library Recon project, and engineering programs planning. The exact allocations for each area in the other operating grants is not yet clear, says McQueen.

Student aid programs increased by almost seven per cent to \$10,645,067, and UCBC's own operating budget increased by only four per cent to \$629,000. Capital support programs increased by 30.55 per cent to \$24,857,000.

Nursing Program not funded?

UVic School of Nursing Director Dr. Dorothy Kergin says she is "extremely disappointed" that funds to establish a four-year program leading to a Bachelor of Science in Nursing degree have apparently not been included in the 1982-83 budget provided to UVic by the Universities Council of British Columbia (UCBC).

It is UCBC's policy to request explicit recognition of funding by the provincial government when a large amount is required for start-up of a new program, and to date no word has been received on this request.

The program was approved by the Senate and Board of Governors, and by UCBC, in 1981. The first intake of students was planned for 1982. The UVic Admissions Office says it has received 110 applications for entry into the program to date, with 35 of the applications from students currently enrolled at UVic.

"British Columbia produces far fewer Registered Nurses than it requires to fill its needs," commented Kergin. "The program

as approved will assist in reducing the shortfall in nurses now being educated in B.C., and will add to the pool of nursing practitioners prepared for a variety of positions in the province, including the area of community nursing. The program will also provide another option besides the one already existing for B.C. students who wish to enter the profession through a university program. This includes a number of Arts and Science students now at UVic who are awaiting the opportunity to enrol in nursing."

The Registered Nurses Association of British Columbia (RNABC) has indicated "extreme concern about the lack of funding for the basic baccalaureate program at UVic, especially in terms of the long-term implications for nurse manpower in B.C.", and has said it will express that concern to the UVic Board of Governors.

UVic currently provides a Bachelor of Science (Nursing) program to students who are Registered Nurses.

New construction possible

There is a possibility that construction may start anew on the UVic campus this summer, UVic president Dr. Howard Petch told the Senate at its May 5 meeting.

"We have gone almost two years without approval of a new building and construction has completely ceased on campus. We have been assured that when a building is not approved it does not constitute a refusal, but that a decision has been delayed. Nothing has been turned down. If there is not a pickup in the economy this

summer, some building may be approved to provide stimulus to the economy."

Petch said he was "very concerned" about the situation and hoped Senate realized that even if approval to go ahead with building was received, it will be two years before a building is completed.

"There is no separate budget for architects' fees or planning. It must all come from the capital for the building, so we cannot even begin to get drawings made until a building is approved."



Pigeons stroll where skylarks nested

Those birds have flown

UVic has stopped "trying to promote a charade" and pigeons now saunter where European Skylarks once built nests on campus.

The two-acre Skylark Field, adjacent to University Centre, is no more.

For the first time, it is a neatly cut field with a probable future as the site of an academic building.

In 1963, when UVic was established, there were about 60 pairs of skylarks nesting on the ground in the field. The skylarks, famous for their melodious song, are unique to Vancouver Island in North America.

They were imported in 1903 and 1913 from England through the auspices of the now defunct Natural History Society of America and thrived on the Saanich peninsula and at UVic.

In 1970 a report of the Partridge ad hoc committee on campus birds recommended that the field be left unmown so that the skylarks could continue to nest on campus.

The university acceded to the wishes of the committee and the grass remained uncut from March through August until this year.

The shy skylarks, however, became

intimidated by the increasing encroachment on their nesting grounds and the increasing hubbub as the university grew. By 1980, birdwatchers on campus had to admit that there no longer appeared to be any skylarks nesting in the field.

"The decision to cut the grass was not taken lightly," says Jim Helme, director of Buildings and Grounds. "For several years there has been no evidence of any successful nestings in the field."

So the grass was cut and the signs warning pedestrians to stay off the field during the nesting season were taken away. "The signs didn't impede traffic through the field to any great degree," points out Helme.

Helme explains that aside from the uncut field becoming unsightly, "there was a very real danger of a grass fire during the hot summer months."

Despite the disappearance of the skylark nesting grounds, there are still some skylarks around campus, Helme adds. "There are some skylarks around here. I'm not sure where they are nesting but it definitely was not in that field."

Maltwood features toy theatres

The University of Victoria's Victorian Toy Theatre Collection, one of the few existing collections of its type in the world, will be on display at the Maltwood Art Museum and Gallery May 7 to June 1.

Consisting of over 16,000 pieces of figures and scenery, and including nearly a hundred complete or near-complete plays, the collection was obtained through an estate sale in England in 1964 by Theatre Department chairman Carl Hare, then a member of the UVic English Department.

Toy theatre was an international vogue in the early 19th Century, and at its height, supported about 50 publishing companies. When a publishing company decided to "print" a play, several options were available to it. These ranged from designing a completely new stage and set of characters to plagiarizing a competitor's work intact.

On determining which plays were in fashion on the London stage, the legitimate publisher would make sketches of the actors, scenery and costumes. These sketches were then transferred to copper plates for engraving, and the resulting prints sold for "a penny plain" and "two-pence coloured". The "penny plain" characters were then painted, cut out, and pasted onto a cardboard backing. They were then ready for mounting in tin slides which ran in grooves cut into the stage.

The toy theatre itself was constructed of wood and cardboard and decorated with printed paper stage fronts. Illumination was at first provided by candles, but later miniature metal footlights with oil-burning wicks were introduced.

Popular demand led to the issuing of playbooks with the plays. At first, these were replicas of those used on the London stage, but later they were especially adapted for the toy theatre.



A scene from Hamlet in the toy theatre collection

Many of the plays represented in the UVic collection are staples of children's drama, such as "Aladdin", "Dick Whittington", and "Cinderella". Still others are accurate representations of the types of theatre which were popular among all ages: nautical dramas, fairy extravaganzas, and melodramas.

The popularity of the toy theatre declined in the mid-1800s with the introduction of realism to the popular stage by playwrights such as Strindberg and Ibsen. What has survived is a remarkably accurate record of the London stage in the early 19th Century.

2,000 seek 1,100 beds

Despite the fact that residence fees at UVic are being hiked by 16.8 per cent for the 1982-83 Winter Session, there are 2,055 applications for 1,090 residence places on campus in September.

Housing manager Shirley Baker said this week that the number of applications will change as some students leave the waiting list and others are added.

Each application comes with a \$50 deposit. For the 1982-83 academic year, there are 1,202 applications from women and 911 applications from men.

While it is much too early to tell how difficult it will be for students to find accommodation off campus in September, there are signs that the rental market may not be as tight as in past years.

Baker said Housing Services had 1,900 listings for accommodation last year and the response for relisting for 1982-83 has been very good.

Differential fees opposed by AMS

The Alma Mater Society (AMS) has come out strongly against differential tuition fees for foreign students in British Columbia.

In a written submission to UVic President Dr. Howard Petch, former AMS President Tim Winkelmans said differential fees for foreign students "have been resisted by Canadian students since the conception of the idea."

"UVic, which is a highly respected Pacific Rim institution, can gain nothing by imposing them, except a wealthier class of foreign students."

B.C. universities now charge the same tuition fees for Canadian and foreign students. Winkelmans said some politicians, reacting to pressure, would like B.C. universities to charge higher fees for foreign students.

Winkelmans' brief argues that exposure to students from other countries is as large a part of university life as any course. "B.C. and Canada benefit as well since foreign students will improve awareness of this land and its people back in their own home territory. Foreign students also spend large amounts of money in Canada."

There are also many more apartments listed for rent in Victoria now than there were at this time in 1981.

The Board of Governors approved the residence fee increase at the April meeting. The new full Winter Session rate is \$2,686 for single accommodation, up from \$2,300.

Trevor Matthews, Vice-President, Administration, explained that major factors affecting the increase include the fact that the full effect of the annual debenture repayment for the new residences, opened in 1981, will be felt this year. Of the total annual debenture expense, 47 per cent can be identified with the new residences.

Other factors include the loss of the Chartered Accountants' Summer School Program which began at UVic in 1981 and is being relocated to Vancouver. The program, involved more than 350 people who lived in UVic residences during the summer.

Summer conferences are below expectations and utility costs, and salaries have risen, said Matthews.

Speakers recruited

Confidentiality of health data ... Animal rights ... Migraine headaches ... How to write and publish a book ... Stone age societies ... these are among an array of new topics that 27 new members of the UVic Speakers Bureau have volunteered to address when the Bureau begins its third year of operation in September, 1982.

Response to the annual Speaker Bureau mailout inviting new members to join and seeking updated information from current members has been prompt and positive, says Bureau co-ordinator Donna Danylchuk.

Members of the campus community who have not yet replied to the mailout but wish either to join the Bureau or update their file may still do so by contacting Wendy McPetrie, Secretary to the Bureau, at the information booth in University Centre.

It is important that any additions or changes to the Bureau's membership files be made within the next two weeks, before preparation of the 1982-83 List of Topics begins, says Danylchuk.

The following Bureau members have addressed topics to the following groups since mid-March:

Dr. Derek Ellis, *Sewage in the Sea*, Kiwanis Seniors; Dr. Warren Little, *Microcomputers*, James Bay Lions Club; Prof. Al Loft, *Gabriel Dumont, Rebel Leader*, Victoria Genealogy Soc.; Dean Lyman Robinson, *Legal Education*, James Bay Lions Club; Dr. James Dukarm, *Computers in the Home*, University Women's Club; Dr. Frances Ricks, *Non-Sexist Parenting*, Gordon Head Preschool; Dr. Margie Mayfield, *Kindergarten in British Columbia*, Vic West Community Y; Dr. Ron Tinney, *Parenting Skills*, Queen Margaret's School; Dr. Bart Cunningham, *Overcoming Resistance to Change*, MENSA Convention; Dr. Grant McOrmond, *The Problems of English Competency in B.C.*, MENSA Convention; Dr. Peter Murphy, *Future Shock: The Next Crisis in Schools*, MENSA Convention; Prof. Al Loft, *Has Canada a History?*, MENSA Convention; Dr. David Stronck, *How to Live Longer*, MENSA Convention; Dr. Colin Scarfe, *Black Holes*, MENSA Convention; Dr. Margie Mayfield, *Helping Your Child Learn to Read*, Christopher Robin Preschool.

Booked for upcoming engagements are:

Dr. Edgar Efrat, *Israeli Politics on the 34th Anniversary of Independence*, Victoria Chapter of Hadassah Wizo; Dr. Noel Gantly, *Music in Early Childhood*, New Parents Discussion Group; Dr. Blake Morgan Young, *Japanese Cultural History*, Saanich Kiwanis Club; Dr. Dan Koenig, *Future Social Trends in British Columbia*, Kiwanis Club of Victoria; Dr. Robert Gifford, *Nonverbal Communication*, Victoria Chartered Life Underwriters; Prof. Murray Fraser, *Law for the Lay Person*, P.E.O. Sisterhood; Dr. Martin Hocking, *Synthetic Crude Oil from the Athabasca Tar Sands*, P.E.O. Sisterhood, Mr. Don Hamilton, *The 'New' Library (the Library in the Television Age)*, P.E.O. Sisterhood.



\$2,000 prize winning sculpture entitled *WIND-UP* by B.F.A. graduate Alan Storey, exhibited in the Helen Pitt exhibition at Robson Square, Vancouver.

Student artists win cash

Three graduating Visual Arts students in UVic's Faculty of Fine Arts have won cash prizes in the Fifth Annual Helen Pitt Awards selection on exhibit at the Robson Square Media Centre in Vancouver May 5 to 14.

They are Alan Storey, awarded \$2,000 for his sculpture "Wind-up"; Rebecca Ross, awarded \$1,600 for two paintings, "Warm Puppet" and "Angry Walls"; and Joan Wilkinson, awarded \$1,500 for her sculpture "Object; Artist and Object Advertising Both".

The three UVic students were among seven receiving cash awards. Three awards also went to students from Emily Carr College of Art and Design and one to a University of British Columbia student.

The award winners were among 11 UVic Visual Arts students selected to participate in the exhibition. Also exhibiting are Susan Brock, Eric Chappell, Diana De Pol, Pamela Fennell, George Gaudette, Danny Pio, Allison Pugh and Paul Wedel. The Helen Pitt Fund for the Fine Arts was established by the late Helen Pitt and is administered by the Vancouver Foundation.

This spring, Vancouver audiences will see an unprecedented concentration of sculpture by UVic students, faculty and

alumni. Six of the 11 students exhibiting at the Helen Pitt Awards exhibition are sculptors and the Vancouver Art Gallery and Surrey Art Gallery will also show UVic sculptors.

A major exhibition titled "Mise en Scene" at the Vancouver Art Gallery May 8 to 11 will include works by Kim Adams, a recent UVic graduate, who has shown his works in Victoria, Vancouver and Toronto, and by UVic Visual Arts professors Mowry Baden and Roland Brener. Both Baden and Brener have had major showings in Canada, the United States and England.

The Surrey Art Gallery will show sculptures by two recent UVic graduates, Mark Adair and Bill Burns at an exhibition opening May 11.

Earlier this year Collette Urban, an MFA student at UVic, exhibited sculptures at the Western Front in Vancouver, and last summer a one-woman show of works by another UVic sculpture graduate, Cathy MacLean, was held at the Vancouver Art Gallery.

Over the past six years, sculptors at UVic have received increasing national and international recognition with exhibitions at major galleries in Canada, the United States and Britain, including the National Gallery of Canada.

Petch and Davis earn kudos

UVic President Dr. Howard Petch and William Davis, Premier of Ontario, are among six persons who will be honored at the annual spring Convocation ceremonies at the University of Waterloo (UW) May 27 to 29.

To mark the 25th anniversary of the establishment of UW, honorary degrees are being awarded to six people who have made significant contributions, directly and indirectly, to the university's success.

Petch will receive his honorary degree at the May 28 ceremony. He was vice-president, academic, during the period of UW's most rapid growth, from 1967 to 1974. He became president of UVic in 1975. He served as president (pro tem) at UW in 1969-70 during the absence of President Dr. J.G. Hagey.

Born in Agincourt in 1925, Petch received his B.Sc. and M.Sc. degrees from McMaster University in Hamilton, Ontario, and his Ph.D. in physics from the University of British Columbia.

From 1954 to 1967, he was a professor and academic administrator at McMaster University. He developed and served as chairman of the department of metallurgy and metallurgical engineering, was director of research from 1961 to 1967, and principal of Hamilton College at McMaster from 1963 to 1967. He has received an honorary Doctor of Science degree from McMaster.

In 1972, Petch was on leave from UW, as assistant secretary to the federal Ministry of State for Science and Technology.

A highly respected physicist, he is the author of more than 75 books and research papers. Petch has served on the Science Council of Canada, the National Research Council, the Defence Research Board of Canada and the Association of Universities and Colleges of Canada.

He is a Fellow of the Royal Society of Canada and a holder of the Centennial Medal.

Davis who was elected a member of Ontario's provincial legislature in 1959, was appointed Minister of Education in 1962 and Minister of University Affairs in 1964. He presided over university education in Ontario at a time when UW was undergoing dramatic expansion. Davis became premier of Ontario in 1971.

Others who will receive honorary degrees from UW are Marjorie Carroll, mayor of Waterloo and a member of UW's Board of Governors; Dr. Neale H. Taylor, retiring president of Wilfrid Laurier University who has promoted co-operation between the two Waterloo Region universities; Dr. Burton C. Matthews, chairman of the Ontario Council on University Affairs and UW's president from 1970 to 1981; and Dr. Edward E. Stewart, deputy minister in the Ontario government's Department of University Affairs from 1967 to 1971.

Black starts second term as UVic alumni president

Former provincial Cabinet Minister Wesley Black was inducted for a second term as President of the UVic Alumni Association at the association's annual general meeting May 3.

Black, a Cabinet minister in the government of W.A.C. Bennett, received his M.P.A. from UVic's School of Public Administration and is completing his first one-year term as association president.

He is a member of UVic's Board of Governors and represents the Victoria Chapter of the Institute of Public Administration of Canada at the national level.

Other members of the association's executive to be inducted for 1982-83 at the meeting include Dr. Reginald Roy (History) as honorary president. Roy has been on the alumni association executive for 27 years and will serve for a fourth term as honorary president.

George Urquhart, a teacher at Mt. Douglas Secondary School, will serve another term as past president. Urquhart received an M.A. in history from UVic in 1978.

Stella Higgins is first vice-president for 1982-83. She received her B.A. in 1966 and

M.A. in 1972 from UVic and is a part-time research assistant to Roy.

Hilary Stewardson has been elected second vice-president. She received her B.S.P. from the University of Saskatchewan and her M.P.A. from UVic in 1981. She has served as president of the University of Saskatchewan Alumni Association for the past two years. She is an investment counsellor with Richardson Securities.

Roy Emperingham, a policy development officer with the Government Employee Relations Bureau, is the 1982-83 association secretary.

Kevin McCullough, who received his B.A. in 1978 and will complete his M.P.A. program at UVic this year, will serve a second term as association treasurer.

Members at large on the executive include John Goudy, administrative officer in the Department of Physics; Russell John Getz, a Victoria lawyer; Michael Shoop who received his M.A. in 1979 at UVic; David McHaffie, a personnel officer with the Ministry of the Environment and Kathleen Mayoh who received her B.A. from UVic in 1979.

Girls best in math test



Those who claim that girls aren't very good at mathematics would get an argument from the nine young ladies above, with UVic President Dr. Howard Petch. They finished in the top 25 per cent among thousands of Grades 10 and 11 students in a nationwide mathematics test. They are students at St. Michael's University School in Victoria and were recently presented with certificates of merit by Petch for their high standing in the PASCAL math test organized by the University of Waterloo. SMU made an exceptional showing in this test and the Waterloo-organized FERRET math test for students in Grades 8 and 9. In all, 75 SMU students placed in the top quarter and 15 were in the top 100 in B.C. in each contest. From left, the students are Jane McLeish, Margaret Burnett, Allison Southgate, Ute Prael, Norleen Scott, Lisa Davencock, Jana Pederson, Sandra MacPherson and Darcee McLaren.

DTUC magazine nominated

Writing magazine, published by faculty and students in the Writing Program at David Thompson University Centre (DTUC), has won two National Magazine Award nominations.

Editor David McFadden, a DTUC faculty member, said three poems by Susan Musgrave of Victoria and one poem by Michael Ondaatje of Toronto were chosen from hundreds of entries submitted by magazine editors across Canada.

The poems by Musgrave and Ondaatje, which first appeared in *Writing*, represent two of the five nominations for the DuMaurier Awards for poetry.

McFadden said poetry and prose submissions come to *Writing* magazine from every region of Canada, as well as from writers living in other countries. Material is first screened by a student editorial board, and then McFadden makes the final choice of what is to be published.

Writing magazine's first issue appeared in 1980, and to date five issues have been published. Contributors include well-known Canadian writers like Margaret Atwood, as well as students in the Writing Program at DTUC. This year, the magazine was also awarded a \$1,500 Canada Council support grant.

NSERC funding up 32 per cent

UVic scientists have received close to \$2 million in 1982-83 operating grants from the Natural Sciences and Engineering Research Council (NSERC) of Canada for basic research into subjects ranging from supergiant stars to sub-atomic particles.

NSERC officials have announced that 90 UVic professors in nine departments will receive \$1,955,073 for research and special equipment in 1982-83.

Most of this money is used to hire research assistants. Included in the total is \$165,017 for special equipment.

The total represents an increase of 32 per cent in NSERC funding for UVic scientists, compared to 1981-82 operating grants.

"We have done very well this year in obtaining funding for research," said Dr. John Dewey, Dean of Graduate Studies and chairman of research administration at UVic.

Dewey pointed out that while no comparative study has been done with other universities, "we do know that NSERC funding across Canada is up by 15.5 per cent this year."

Research funds go to scientists in the departments of Biochemistry and Microbiology, Biology, Chemistry, Computer Science, Mathematics, Physics and Psychology and the Schools of Physical Education and Public Administration.

Dr. J.T. Buckley (Biochemistry and Microbiology) will use his \$35,000 operating grant to continue research into the structure of toxins liberated by cells and how these toxins interact with a target cell.

Dr. W.W. Kay of the same department receives \$41,000 to study the transportation of biological molecules across cell membranes.

Dr. F.D. Hardwick (Physics) receives \$43,000 to continue his investigations of older stars while Dr. George Mackie (Biology) will continue his studies of the neuromuscular organization and ciliary controls of coelentera with a \$56,300 grant.

A team of UVic physicists have received \$135,000 to carry out experiments at the TRIUMF facility, a particle accelerator operated by four western Canadian universities including UVic and located at the University of British Columbia.

UVic's Drs. G.R. Mason, G.A. Beer, D.A. Bryman, Arthur Olin, and L.P. Robertson will be studying some of the basic matter of the universe in experiments at TRIUMF.

Dr. Howard Wenger (Physical Education) receives \$17,000 to continue his research into fitness testing.

For the small research-oriented Department of Biochemistry and Microbiology the grants this year are almost an embarrassment of riches.

The department is located in former army huts on campus and is to move to a

new life sciences building which was approved more than two years ago. The building has been delayed while the provincial government decides the fate of a Discovery Park component of the building and re-examines its priorities in capital financing.

Faculty members in Biochemistry and Microbiology received an average operating grant of \$32,000, with first-year grants to five professors up 74 per cent from 1981-82.

In addition, Kay received an equipment grant of \$73,152 which will be used to purchase a large fermenter to grow large quantities of bacterial cells. Dr. Alistair Matheson, chairman of Biochemistry and Microbiology, explains that scientists need large amounts of bacterial cells to study biological processes and structures at the molecular level.

"We had hopes to be in our new building when the fermenter arrived," he said. "We need it now, however, and this just means we'll have to improvise in the huts by tearing out an existing wall and making room for the fermenter."

Matheson said the delay in moving to the new building has meant that the department can't expand its graduate program which now has eight students enrolled. "We would also like to bring in another faculty member through the NSERC University Research Fellowship Program, but we do not have enough space at present for another faculty member."

"I know the president (Dr. Howard Petch) has been trying hard to bring the new building on stream and it has been delayed in part by the economic climate. Right now we're in a holding pattern until we can find more space."

Matheson said the department's biggest fear is that the longer the new building is delayed, "the more likelihood that it will be too small by the time we get into it."

Even if approval was given for construction of the building today, Matheson realizes that the department is three years away from moving in.

For now the department is more than holding its own in NSERC operating grants and is deeply involved in an NSERC-funded \$500,000 project on marine toxicology.

Along with Kay and Buckley, first-year operating grants to faculty members in Biochemistry and Microbiology include \$24,000 to Dr. R.W. Olafson who is studying protein structure and how it relates to the function of biological molecules.

Dr. E.E. Ishiguro received \$30,000 for his research into the mechanics of the action of penicillin while Dr. Terry Pearson received \$30,000 to continue his research into monoclonal antibodies.



Corcoran: probes the role of neurons in drug and alcohol addiction

Psychologist awarded \$25,000

Dr. Michael Corcoran, chairman of the Psychology Department, has received a \$25,000 grant from the B.C. Health Care Research Foundation to continue his study into the neuropsychological aspects of drug and alcohol addiction.

The grant is part of \$1.4 million in lottery funds that were recently distributed to B.C. scientists for health research.

Corcoran, a neuropsychopharmacologist, is studying the effects of drugs on nerve cells or neurons in the brain.

Information is passed from one neuron to another through chemicals called transmitting substances or transmitters. The relationship between the drug and neurons produces a particular transmitter that is now seen as a possible explanation for the reinforcing effects of drugs and alcohol.

"There are two transmitters in the brain, noradrenaline and dopamine," explains Corcoran. "We have evidence that treatment which reduces the production of these transmitters will in turn block the reinforcing effects of the consumption of alcohol and drugs such as cocaine."

Corcoran has had somewhat mixed results working with noradrenaline. "When the production of noradrenaline was blocked, we found that animals which had never drank alcohol were hard to get started but those drinking before the treatment continued to drink quite happily."

Corcoran has now begun to study dopamine.

"Addiction to alcohol might depend on these dopamine neurons," says Corcoran. "We know this is the case with cocaine. If this is also the situation with booze, then we already have drugs that depress dopamine production. These drugs are used now as anti-psychotics and anti-depressants."

Corcoran explains that now these types of drugs have been used only during withdrawal from alcohol, "but it is possible they could also be used to reduce the reinforcing effect of drinking."

Corcoran's work is pre-clinical and there is no way to be sure the results will eventually be valuable to B.C.'s thousands of alcoholics.

"The rats we use in research are not

furry little alcoholics, but we hope the effects of booze on rats is similar to the effects on humans. There is actually enormous predictability from knowing what happens in rats."

Corcoran is concerned about the use of animals in research but stresses that preliminary work cannot be done with humans, even though the potential benefits to humans may be large.

"We have an animal care committee at UVic that oversees all research with animals. I think that in addition to any concern about the effects of the experiments on animals, researchers must be trained to properly look after the animals they are responsible for."

Booze vs. heroin

We live in a drug-oriented society which is naive about the dangers of drugs, says Dr. Michael Corcoran, a neuropsychopharmacologist and chairman of UVic's Department of Psychology.

Corcoran, is studying what happens in the brains of those who drink or take drugs that cause them to become addicted. (See story, this page.)

"All drugs can produce toxic effects under certain conditions," says Corcoran, who is critical of some of the labelling of drugs as to their dangers.

"Cigarettes are awful and, in some ways, booze is more dangerous than heroin," he says.

"Heroin doesn't rot your liver, kidney and brain, the way booze does."

Corcoran hastens to add that heroin is much more dangerous than booze in other ways, because a dependency can develop very quickly and "death due to overdose is possible as there is no control over the sample you get."



The Seeing Brain, a hands-on science exhibit designed and constructed by the Ontario Science Centre and toured through the auspices of the National Museum of Canada, is on display at the McPherson Library Gallery until May 20th. The display includes UVic developed computer-aided learning package and Telidon graphics delivered by an Apple computer, and was brought to UVic by Dr. George Beer and Don Stenton (Physics), through their association with the Arts, Science and Technology Centre in Vancouver.

English profs awarded \$1 million

Two professors in the English Department at UVic, Drs. Bryan Gooch and David Thatcher, have been awarded a \$1 million negotiated grant by the Social Sciences and Humanities Research Council (SSHRC) to produce a five-volume *Shakespeare Music Catalogue* over the next five years with additional funding for a sixth year to be arranged.

No such catalogue exists at present and such a project had long been regarded by Shakespearean scholars as so vast that no one could do it.

Gooch and Thatcher plan to produce an annotated bibliography of all music, published and unpublished, relating to the plays, poems and life of William Shakespeare.

The material on Shakespeare and music is scattered all over the world and in many languages.

Gooch and Thatcher have conducted extensive research in the field of musical settings of English literature and believe they have the resources at their disposal to complete the massive task.

Their research has already led to the publication, in 1976 and 1979, of two catalogues dealing with the Modern and Victoria periods respectively and a third catalogue, *Musical Settings of British Romantic Literature*, is scheduled to appear this summer.

More than two years in the planning stage, the *Shakespeare Music Catalogue* represents a much more ambitious project than their previous books. Gooch and Thatcher prepared a 230-page proposal for the SSHRC for the project which was carefully examined by an international panel of some of the most renowned scholars in the fields of music and literature before being approved for funding.

There is at present no index, catalogue or other work of reference which brings together annotated bibliographical information about all the music associated for nearly four centuries with Shakespeare. SSHRC commitment to the project is for five years, with a review at mid-term. First year grant is \$175,000.

"The work will be of immediate and practical value not only as a research tool for scholars but also for practising musicians, theatre directors and producers for radio, television and film," said a SSHRC spokesman.

"It will fill a primary need for librarians, musicologists, and for those interested in the inter-relationship

between literature and music," said Gooch.

The project is expected to have considerable impact on the UVic community and to be particularly fruitful in the field of graduate studies in the departments of English and Theatre and the School of Music.

"We've had excellent support from these departments and from the university which is contributing to the project in terms of space and equipment," said Gooch.

"We are most pleased to learn of the initiation of the project," said Prof. Paul Kling, director of the School of Music. "Such a project will be of great value to a variety of scholars and students in general because of its wide scope."

"It may attract graduate students with interests extending beyond musicological research, which in turn will stimulate the intellectual growth of students at both the graduate and undergraduate levels."

Kling said benefits to the community could include guest lecturers and performances of newly discovered works.

Prof. John Krich, graduate advisor in the Department of Theatre, sees opportunities for theatre students to be involved as researchers in the project.

"It's an exciting endeavor and will result in a very valuable resource document," he said. "Directors are always looking for music when dealing with Shakespeare."

"I can see possibilities for events involving theatre and music, featuring music from Shakespeare."

For the project, Gooch and Thatcher will hire staff on both a full-time and part-time basis to assist in the work of collecting and processing material.

Applications for three full-time positions available this year (post-doctoral fellow and secretary which begin July 1 and research assistant which begins Sept. 1) should be made to the UVic Personnel Office from whom further information about these positions can be obtained.

Two University of British Columbia professors, Drs. Joel Kaplan and Peter Loeffler, will act as research fellows on the project and Odean Long who has worked with Gooch and Thatcher since 1972, will be coordinator and senior research assistant.

"The grant will provide several jobs for post-doctoral and graduate students, but the impact should be felt in other areas as well," say the researchers.

The research work can be incorporated into areas of teaching with courses in bibliography and operas possible. Graduate theses can be developed in the widest areas.

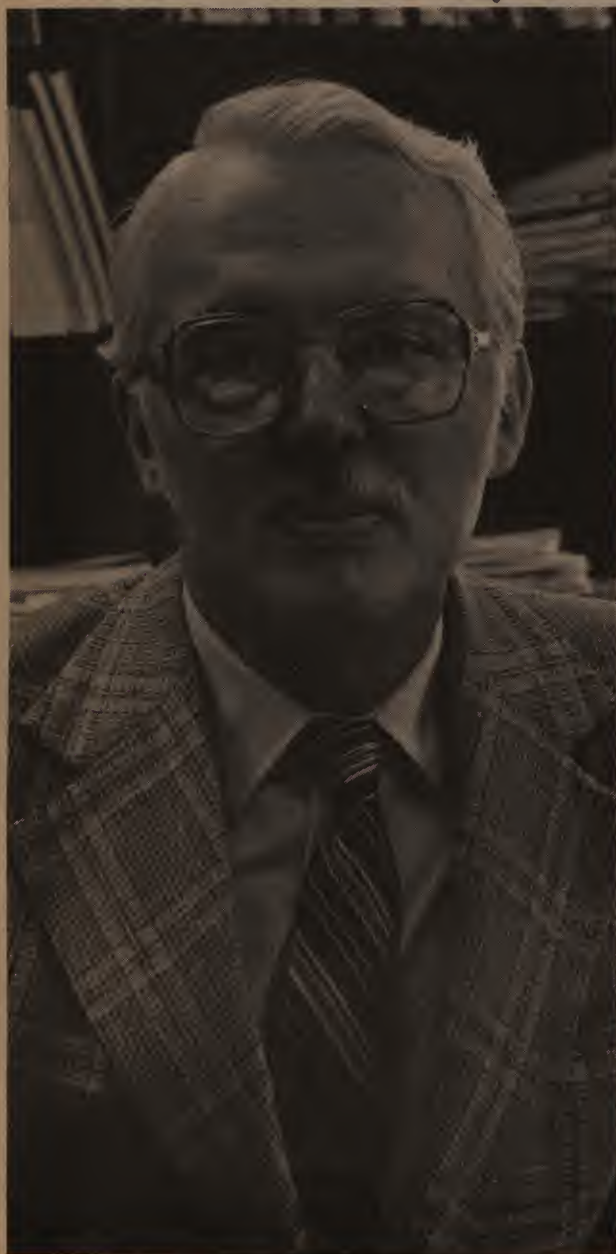
The work will include research in the great libraries of London, Washington, Paris, Rome and Berlin and a computer will be used to compile the mammoth bibliography.

"The preparation of the catalogue will be our major task," explain Gooch and Thatcher. "However, we will also be promoting and arranging a number of activities related to the theme of Shakespeare and music which we believe will be of benefit not only to the project itself, but to the academic community and to the community at large."



The Dragoon Vesp.

Long-term survey reveals long-term problems



Spreen

Durkin photo

What happens to children with learning problems when they become adults?

Neuropsychologist Dr. Otfried Spreen (Psychology) has been contacting people who went through intensive testing in the neuropsychology laboratory in the Cornett Building about 15 years ago and his findings are "depressing".

"The outcome in terms of academic and occupational success for the group with learning disabilities is very depressing," says Spreen. "They are not only unemployed, they are unemployable."

"There have been a few success stories, however," he adds.

Five years ago Spreen interviewed a group with an average age of 20 who, 10 years earlier, had been tested in the neuropsychology lab in the Cornett Building.

He is now in the process of again contacting these people to see if there have been any changes in the intervening five years and to augment the interviews with psychological tests and neurological scans.

A two-year grant from the Medical Research Council of B.C. and a recently announced supplementary grant of \$14,800 from the B.C. Health Care Research Foundation have been obtained to support the project.

So far Spreen and his staff have seen 150 of the approximately 200 people they hope to study.

"The most frustrating time for all of them was when they were in school," says Spreen. "As adults they now have a wide variety of feelings about themselves. Some are reasonably satisfied but others are quite withdrawn with no jobs and no social contacts."

Spreen has found that most of the people have not changed that much since they were first tested as children. "There has been very little change in the psychological test results over the 15 years," he says.

"For instance, the I.Q. tests are within five points of where they were originally. This would lead us to believe that we can make modest predictions based on results from tests at age 10."

Spreen is also trying to make a distinction between neurological problems that persist into adult life and those that disappear as the child ages.

"This would enable us to sort out those things that we should pay attention to because we would know that they persist and sometimes have serious effects on adaptation."

He has found that there is an improvement in position sense, "the ability to tell where your arm is, for instance," and in reflexes. "Some of the involuntary movements disappear but most of the really 'hard' signs such as involuntary eye movements, stay."

Because of the difficulties usually encountered in longitudinal studies of those with medical problems, Spreen

is amazed at the response from those with learning problems. "The enthusiasm of the people who come back is remarkable."

"They want to help. They want to go through the whole experience in case it might help others. This is all the more noteworthy because they have generally had such bad experiences in their lives."

Mobility is an important factor in the study. Many of the subjects now live outside Victoria and "we have to catch them when they come home for visits," says Spreen. "We have enough money to bring in those that live in other parts of B.C. but it is too expensive to do that for those who live in the rest of Canada."

One aspect of Spreen's interviews deals with contacts with the police and legal system. "I was very surprised at how frequently teenagers in general came in contact with the police," he says.

"Approximately 60 per cent of the control group of normal individuals have been stopped by the police. The percentage is almost the same for the other individuals in the study."

Spreen does not believe there is a connection between learning difficulties and legal problems. "There was no real difference in the number of contacts with the police or sentencing between the control group and the experimental groups."

Along with his research on learning disabilities, Spreen is also interested in language disorders that can occur after brain damage. These language disorders, called aphasia, are caused by strokes, accidents and tumors.

"We have tried to look at the linguistic patterns of those suffering from aphasia to compare them with speech patterns from normal individuals and schizophrenics. We can make very good distinctions just from examining their speech and this helps to ensure that people with aphasia don't get diagnosed as schizophrenics."

Spreen says the recovery rate from aphasia is "amazing, particularly in the first six months, provided the condition is not due to a tumor or something like that."

"We tried to do a follow-up study of people who had aphasia, but were not successful. People wanted to be left alone. It is very difficult to follow a patient over the course of an illness."

Spreen is now co-authoring a book on neuropsychological aspects of human development. This is somewhat to be expected from a university professor in his field, but what is unusual is that the other authors are four of his students who asked him to work with them on the book. It has already been accepted for publication by Oxford University Press.

Putting morality into PE



Durkin photo

Jackson: teaching the teachers to encourage moral behavior in young athletes

New concepts and content areas in Physical Education (PE) are being developed in so many directions that an understanding of PE based on the often hated "drill" of school gyms of ten years ago would not even come close to describing the present discipline, which is concerned with subjects as diverse as morality and physiology.

Dr. John Jackson (Director, School of Physical Education) sees PE as a discipline concerned with the study and teaching of "sport for all". He uses the European definition of sport as "free, spontaneous physical activity engaged in during leisure time for the purpose of amusement, relaxation, or development." A definition such as this makes no distinction between PE and athletics or between the elite performer and those interested in recreation only.

"Sport seen in this light is a continuum," says Jackson. "Different people will want to fit in at different locations. What arouses one person at the lowest physical recreation end would not interest the elite athlete."

One area of growing interest in sport at all levels involves potential moral questions.

"Moral behavior of people anywhere along the continuum may not be what we would like it to be," says Jackson. "I think it is very important that PE graduates have some moral training because of the nature of sport activity. I believe it is possible to teach basic moral philosophy as it applies in a general way and with particular reference to sport."

"It is quite well documented now that people in all cultures pass through various stages of moral development such as the six stages described by Kohlberg."

"The first stage involves performing behavior that does not bring punishment. The sixth involves performing behavior that considers others and their social group, and includes objectively defensible positions on moral issues. Of course not everyone reaches stage six or anywhere near it."

"For example, in hockey you may find young children playing who have not progressed beyond stage three and who are being watched and coached by parents and significant others who are also not well developed morally. As a consequence, the children behave badly when playing the game."

"Somehow we have to make students that leave here aware that moral development can take place and more importantly that they can do something about it. Our graduates must understand that they can train their students to be more morally developed."

According to Jackson, a growing interest in the physiological aspects of physical education may be partly due to an attempt to further demonstrate the academic basis of PE. "It is certainly one of the easiest areas to convince people about," declares Jackson.

In the past, Physical Education was not accepted as an academic discipline but that situation seems to have changed. "The battle may be taking place elsewhere but here most of the skirmishes were fought before my time," says Jackson.

"That isn't necessarily to say that all academics in the purest disciplines think that PE should be a part of the university, but then some of the same people don't think that any professional school should be included in the university."

"A lot of the research that goes on in PE is of very good quality and it is becoming more and more acceptable for people from other disciplines to come and see what is being done."

"If you wish to convince people from other parts of the university of this, one of the places you would take them would be to the lab. If they see all the measuring devices apparently well calibrated with little lights flickering,

By John Durkin

they think it must be sound science and therefore worthy of inclusion in the university."

"It is less easy to convince people about some of the other aspects of our field such as sociological, administrative, or psychological components. They may think this work should be done in the parent disciplines, but it isn't, and since sport is such a very significant part of society, these aspects of it are certainly worthy of study."

"When you consider all the money that is spent on leisure services, the need for study in this area becomes obvious. There is academic study of far less significant happenings."

While the training of teachers is the major role of the PE Department in terms of student education, other programs are also offered. "Each year we spread more widely with our Human Performance and our Leisure Study programs," says Jackson.

"The Leisure Studies program is particularly interesting because of the role that the community plays in all phases of its operation. Recreation professionals were involved in the initial design of the program and based on their advice and my experience as Recreation Director for the City of Edmonton, we made it a cooperative program so that students would get four work terms to gain experience."

"We now have a Leisure Studies Advisory Board that helps make policy decisions, select students, and find placements during work terms."

"We don't have any graduates from Leisure Studies yet, but we have got to the point where some people have completed two work terms and already they are getting to be quite experienced with a respectable theoretical and practical background. They should eventually make good recreation workers."

Jackson recently published *Mr. 5 BX*, a biography of Dr. Bill Orban of the University of Ottawa, the man who gave Canada the *5 BX Plan* as well as making many other contributions to PE. The original *5 BX Plan* has sold more than 15 million copies and has been translated into 13 languages. Indeed some claim that it put Canada on the fitness map.

Orban has never received any royalties nor even much official recognition for his Plan even though the federal government has made a great deal of money as its publisher.

While much of Jackson's book about Orban may be of interest only to professionals in the PE field, others will be attracted by the chapter on the creation of the *5 BX Plan*, or because of an interest in one of Canada's top athletes and major promoter of PE as a discipline.

"Biographies tell a lot about the social history of a period," says Jackson. "In this case the social history of PE is emphasized."

Rowing and running get a funding boost



From left, Hoffman, Bowker and Morrow

The road to the 1984 Olympics in Los Angeles will pass through UVic.

Two sport development centres for national teams in rowing and middle-distance running have been established at UVic under a federal-provincial funding program unveiled at UVic recently by Provincial Secretary Evan Wolfe and Abby Hoffman, director of Sport Canada.

The provincial program, called "Road to the Olympics", is designed to coordinate federal, provincial and university resources to enhance the impact of national team training on sport development in B.C.

Five training centres have been established in B.C. with soccer, rowing and women's field hockey at the University of British Columbia.

The program provides financial assistance to

national teams training in B.C., to stage international competitions, coaching and player workshops and tours of the province.

Wolfe said each eligible sport will be supported to a maximum of \$40,000 per year by the province.

At UVic, rowing and middle-distance running will each receive \$20,000 this year. A major international track meet and an international regatta are planned for this year.

The federal government is providing \$30,000 for rowing and \$20,000 for middle distance running.

UVic President Dr. Howard Petch said he was "extremely pleased" that the federal government recognizes the potential role of universities in providing opportunities for very gifted athletes.

"While our first concern is the personal development of all of our young people, we have made a commitment to excellence in a limited number of sports."

"In both rowing and middle-distance running, the results have already been impressive in national championships."

Petch said the establishment of the centres at UVic indicates support for running coach Ron Bowker and rowing coach Al Morrow.

Ken Shields, director of athletics and recreation, said the establishment of the training centres should be the second stage of a three-stage development for rowing and middle-distance running at UVic.

"The first step involved getting top coaches here, the second step is the formal establishment of the development centres and the next phase is the provision of decent facilities in these sports."

Shields said he is very concerned about the track at Centennial Stadium which is suitable for training but not for an international track meet.

"The rowers now train at Elk Lake with an old shed and no facilities for changing or showering. They need a proper boathouse and training facility at Elk Lake."

Shields said the budget money spent on rowing and running has been "well spent" with great success in both sports.



Dave Balfour (Buildings and Grounds) uses a welding torch to remove bolts from supporting backplate

How to move a totem

The two totem poles which have graced the Cornett courtyard for many years were moved recently to be repainted and restored, but they will not be going back to Cornett. Instead they will be placed near the forest area beside the Cunningham Building. One of the reasons for the move is to avoid repeating the experience illustrated here. The totems must be taken down for treatment every few years, and the Cornett courtyard's micro-environment not only accelerates weathering problems but is a little inconvenient at moving time. The totems will be repainted by their Kwakiutl carver, Tony Hunt. The moving job itself was supervised by Victor Galinsky (Buildings and Grounds).



Tree-topper hired for the occasion is gently lifted to top of totem...



...and loops a rope securely around upper section



Later, liftoff



Totems are placed on back of flatbed truck...



...and secured for delivery to Building and Grounds storage area

Bullets

The Second Annual Native Scholarship Dinner and Benefit Dance, in honor of the 1982 graduates of the three British Columbia Universities will be held May 28 at the Inn at Denman Place in Vancouver. Guest speaker is Cyril Keeper, M.P., Winnipeg St. James, the only Native Indian elected to Parliament. For further information contact the Professional Native Women's Association at 294-9908 in Vancouver.

Research and development (R&D) and related scientific activities (RSA) in the natural and human sciences will receive additional funding of \$340 million in federal funds in 1982-83. The increase, part of the Main Estimates for the next fiscal year tabled recently in the House of Commons, will bring federal expenditures on the two sciences to \$2.94 billion, some 13% more than the \$2.6 billion spent this fiscal year. The totals include both R&D expenditures and RSA expenditures such as data collection and information services, testing and standardization procedure and quality control. Federal R&D spending on natural sciences will reach nearly \$1.8 billion, some 16% more than the current level of \$1.5 billion. About 22% will finance R&D performed in industry, 20% will finance research in universities and 51% will support federal intramural research.

"The Self-Patenting Manual—How to Get a United States Patent", by Dr. Alan Hale of the University of Waterloo's mechanical engineering department has been described by the Society of American Inventors as "the best of its kind on the market". Its price is \$60 and it is marketed by the Self-Patenting Institute of Buffalo, New York.

The University of Western Ontario has a new offering: a section of Philosophy 130 (Philosophical Foundation of Western Thought) to be offered in Chinese. The chairman of the philosophy department describes the course as "an ideal humanities option" for students in science, engineering and similar fields whose native language is Chinese and whose English may be limited. "The course is a survey of major figures in Western Philosophy from Socrates and Plato down to Bertrand Russell and is a particularly appropriate Arts option for students with a non-Western background," he adds.

notebook

The next two editions of the **Ring** will be distributed on campus May 28 and July 2. The May 28 edition will include news of UVic's top graduating students who will be honored at the May 29 Convocation ceremonies. Anyone wishing to publicize an on-campus event occurring between May 28 and July 2, can have the event listed in the **Calendar** section of the **Ring** by providing Information Services with complete information on the events before May 21.

notice

The Faculty of Education meeting originally scheduled for May 21 has been cancelled.

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the Ring—Page 8, May 7, 1982

ringers

Children, parents and teachers are invited to meet the popular singing trio **Sharon, Lois and Bram**, at an autographing session May 10 at the UVic Bookstore. The trio will be autographing their book, *Elephant Jam*, at 3:30 p.m., in the bookstore, following one of their four performances in the University Centre Auditorium as part of the Victoria International Children's Festival May 10 to 12 at UVic. Juno Award Winners Sharon, Lois and Bram will appear in performance May 10 at 9:30 a.m. and 2 p.m. and May 11 at 12:30 and 4:30 p.m. They are among more than 60 acts appearing in the festival which will make use of University Centre, three theatres in the new Phoenix Building and the MacLaurin Building on campus.

The School of Physical Education has donated \$13,500 to The University of Victoria Foundation to endow five \$250 scholarships for UVic physical education students. Included are the **Coralie L. Lomas** Bursary and the **Fred L. Martens** Scholarship. The purpose is to encourage scholarly and professional excellence among the school's students. The money has accumulated over a period of 12 years from conferences which the school has organized and from the proceeds of book sales of the University of Victoria Physical Education Series, Numbers 1 to 3.

"It's a difficult job to be a student representative on the Board of Governors (BOG) and you both have carried out that function magnificently." With these words BOG chairman **Hugh Stephen** paid tribute to student BOG representatives **Gary Aaron-Sims**, a fourth-year Arts and

Science student and **Douglas Thompson**, a third-year law student, at their last official BOG meeting in April. Stephen said the students had ably represented student concerns on the BOG while also representing the university as a whole. "I think representation by students on the BOG is useful and we've had some good examples of that in the past year," he said. As of May 1, law students **Lauri Ann Fenlon** and **Frances Waters** joined the BOG as student representatives. They were elected by acclamation in a recent campus election.

Susan Gillis, a student in the Co-operative Education Program in Creative Writing, is the winner of a feature writing contest, co-sponsored by Creative Writing Co-op and **Victoria Guideline** magazine. Gillis wins dinner for two at Chauneys restaurant and her feature, "Victoria Pub Crawl", will be printed in the summer issue of the magazine. **Cherie Thiessen**, Co-op co-ordinator for Creative Writing, promises another competition in the fall.

UVic will offer *Issues in Biomedical Ethics*, an investigation into euthanasia, human subject experiments, insanity, the physician-patient relationship and other issues arising in a professional medical context, May 12, 19, and 26 and again June 2, 9 and 16 via the Knowledge Network to 40 centres throughout British Columbia. The course is interactive, enabling students to speak directly by phone to the instructor, **Dr. Eike-Henner Kluge** of the Department of Philosophy.

gazette

The Board of Governors reports the following proceedings from the regular meeting of April 19, 1982.

Resignation

The Board of Governors acknowledged receipt of the following resignation, effective the date shown:
Martin Bartlett, associate professor, School of Music, effective June 30, 1982.

New Appointments—Faculty

Alan Astbury, B.Sc., Ph.D. (Liverpool), Geneva, Switzerland, appointed professor, with tenure, Department of Physics (official title to be **R.M. Pearce Professor of Physics**), effective July 1, 1983.
Francis L. Gomez, B.A. (Exeter), M.A. (Queen's), Ph.D. (Tor.), Victoria, B.C., appointed assistant professor, Department of Hispanic and Italian Studies, effective July 1, 1982 to June 30, 1984.
Christopher J. Pritchett, B.Sc. (Sask.), M.Sc., Ph.D. (Tor.), Calgary, Alberta, appointed assistant professor, Department of Physics, effective July 1, 1982 to June 30, 1984.
Donald E. Read, B.A. (S. Fraser), M.A., Ph.D. (McGill), Montreal, P.Q., appointed assistant professor, Department of Psychology, effective July 1, 1982 to June 30, 1984.

Special Appointments

John Cossom, associate professor, School of Social Work, appointed director, School of Social Work, effective July 1, 1982 to June 30, 1985.
Harry Hsin-I Hsiao, associate professor, Centre for Pacific and Oriental Studies, appointed acting director, Centre for Pacific and Oriental Studies, effective July 1, 1982 to June 30, 1983.
William W. Kay, professor, Department of Biochemistry and Microbiology, appointed acting chairman, Department of Biochemistry and Microbiology, effective July 1, 1982 to June 30, 1983.
Alistair T. Matheson, professor, Department of Biochemistry and Microbiology, reappointed chairman, Department of Biochemistry and Microbiology, effective July 1, 1983 to June 30, 1988.

The Senate reports the following proceedings from the 190th meeting of April 7, 1982.

New Awards

The following new awards were approved by the Senate and recommended to the Board of Governors:
The Madge Hogarth Bursary Fund

The Tatton Anfield Prize in American History
The Chinese Consolidated Benevolent Association of Victoria Awards
The Ladner Downs Prize in Appellate Advocacy
The Petro-Canada Scholarship

Library Loan Policy

The Senate approved a revised Library Loan Policy, which among other things provided for changes in the category of borrowers, a new 7-day loan period and changes in penalties. These last were recommended to the Board of Governors.

New Program

The Senate approved and recommended to the Board of Governors and the Universities Council of B.C. the introduction of an honors program in History in Art.

Diploma and Certificate Programs

Guidelines and procedures for the establishment of diploma and certificate programs at the university were approved for the first time.

Search Procedures—Dean of Education

The Senate approved and recommended to the Board of Governors a change in the search procedure for Dean of Education recommended by the Faculty of Education. In essence, the change provides for a ratification vote by faculty members of the candidate selected by the search committee.

Emeritus Faculty

Senate was informed that the following faculty members had accepted the title Emeritus to take effect upon their retirement on June 30, 1982:

Jane Abramson, professor, School of Social Work
Walter M. Barss, associate professor, Department of Physics
John L. Climenhaga, professor, Department of Physics
Herbert H. Huxley, professor, Department of Classics
Fred L. Martens, professor, School of Physical Education
John McLeish, professor, Department of Psychological Foundations in Education

Membership in the Convocation

The following were granted membership in the Convocation of the University:
Miss Mary Richmond, Mrs. Ursula Jupp

calendar

Friday, May 7th.

Maltwood Gallery. The Victorian Toy Theatre. Continues until June 1. Gallery hours are 10:00 a.m. to 4:00 p.m. Monday to Friday, 12 noon to 4:00 p.m. Sunday and during evening events in the University Centre Auditorium.
McPherson Library Gallery. "The Seeing Brain", National Museums Exhibition—Physics. McPherson Library. Continues until May 21.

Sunday, May 9th.

11:00 a.m. UVic Children's Film Club presents *The Lovebug*. Tickets are \$1.25 for children, \$1.50 for students, and \$2.00 for adults. SUB Theatre.
1:00 p.m. &
3:00 p.m.

Monday, May 10th.

May-August and May-June first term courses begin.
McPherson Foundation presents Victoria International Children's Festival '82. Tickets \$3.00 each performance. Phoenix Theatre, MacLaurin Building, University Centre Auditorium, and McKinnon Gym. Continues to May 12. Information at Box Office.

Tuesday, May 11th.

10:00 a.m. Oral Exam. Barbara J. Burnside, M.A. Candidate in Psychology will defend her thesis entitled: "Grapheme-Phoneme Correspondence in Normal, Slow and Dyslexic Readers." CORN 193.
McPherson Foundation presents Victoria International Children's Festival '82. Tickets \$3.00 each performance. Phoenix Theatre, MacLaurin Building, University Centre Auditorium, and McKinnon Gym.

Wednesday, May 12th.

McPherson Foundation presents Victoria International Children's Festival '82. Tickets \$3.00 each performance. Phoenix Theatre, MacLaurin Building, University Centre Auditorium, and McKinnon Gym.
10:00 a.m. Faculty of Graduate Studies meets re Convocation. CORN 108.
7:30 p.m. Senate meeting. UNIV, Senate and Board Room.

Friday, May 14th.

Last day of final practicum for Professional Years in Faculty of Education.

Sunday, May 16th.

1:00 p.m. &
3:00 p.m. UVic Children's Film Club presents *Charlotte's Web*. Tickets are \$1.25 for children, \$1.50 for students and \$2.00 for adults. SUB Theatre.
7:30 p.m. Children's International Village Concert—Ann Mortifee. Tickets \$8.00.

Monday, May 17th.

1:00 p.m. Board of Governors meets. UNIV, Senate and Board Room.

Tuesday, May 18th.

11:00 a.m. Faculty of Education meets re Convocation. MAC D288.
12:30 p.m. Faculty of Human and Social Development meets re Convocation. CORN 145.
2:30 p.m. Faculty of Fine Arts meets re Convocation. MAC A169.

Wednesday, May 19th.

10:30 a.m. Faculty of Arts and Science meets re Convocation. BEGBIE 159.
2:00 p.m. Special Senate Meeting re Convocation. Senate and Board Room.

Friday, May 21st.

2:30 p.m. Faculty of Education meets. MAC D288.

Sunday, May 23rd.

11:00 a.m. UVic Children's Film Club presents *The Black Stallion*. Tickets are \$1.25 for children, \$1.50 for students, and \$2.00 for adults.
1:00 p.m. &
3:00 p.m. SUB Theatre.

Monday, May 24th.

Victoria Day. University closed.

Tuesday, May 25th.

McPherson Library Gallery. Pasquale Verdicchio. McPherson Library. Continues until June 7.

Wednesday, May 26th.

Student Orientation Day.

Saturday, May 29th.

UVic Convocation.
10:00 a.m. Faculty of Arts and Science Degrees.
1:00 p.m. Faculty of Arts and Science Degrees.
Faculty of Fine Arts Degrees.
4:00 p.m. Faculty of Education, Human and Social Development, and Law Degrees.